



Norman H. Bangerter

Governor

Suzanne Dandoy, M.D., M.P.H.

Executive Director

Kenneth L. Alkema

Director

# State of Utah

## DEPARTMENT OF HEALTH

### DIVISION OF ENVIRONMENTAL HEALTH

288 North 1460 West

P.O. Box 16690

Salt Lake City, Utah 84116-0690

(801) 538-6121

13 July 1988

M/035/009  
**RECEIVED**  
JUL 18 1988

South Jordan City offices  
1600 West 10400 South  
South Jordan, Utah 84065

DIVISION OF  
OIL, GAS & MINING

Dear Sirs:

Please find enclosed a copy of a legal notice published in the Salt Lake Tribune and the Deseret News on 11 July 1988. The notice describes the proposed **B.P. Minerals Barney's Canyon project** located on the west side of the Salt Lake Valley and requests written comments.

Please call Charlie Dietz or Mack Croft at 538-6146 if there are any questions.

Sincerely,  
Utah Water Pollution Control Committee

Don A. Ostler, P.E.  
Executive Secretary

Enclosure

cc: Mr. Gerald Schurtz, B.P. Minerals  
Mr. Greg Boyce, Utah Copper  
Mr. Brian Buck, JBR Consultants  
Mr. Lowell Braxton, Oil, Gas & Mining

CGD/ag

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**Legal Notices**

Notice of Intent to Issue a Construction Permit for the Barney's Canyon Cyanide Gold Leach Project.

The Bureau of Water Pollution Control is reviewing and has comments on a Notice of Intent Document on the proposed Barney's Canyon Cyanide Gold Leach project submitted by B.P. Minerals America. B.P. Minerals is subsidiary of British Petroleum, the current owner of the Kennecott operation. The proposed project is located on the west side of the Salt Lake Valley just North of the Kennecott Copper Bingham pit, and will use cyanide to leach gold from low grade ore.

Low grade gold ore from the Barney's Canyon and Melce Mines will be placed on a heap leach pad in the foothills North of Barney's Canyon. The pad will be built with an approved liner system consisting of a process solution (leaching fluid) collection system, a flexible membrane liner, a clay liner, a leak detection system and prepared base.

The process solutions containing gold bearing solutions will be conveyed via a double lined pipe or ditch to the process solution ponds. The process solution ponds have an approved liner system consisting of a flexible membrane liner, a manufactured leak detection system, a clay liner and a prepared base. The process solutions are pumped from the pond to a plant for removal of the gold. The plant will have facilities to totally contain any spill or leakage from pipes and vessels.

The system is designed to protect ground water supplies which furnish domestic water for Copperton, West Jordan and Taylorsville-Bennion.

Written comments concerning the Barney's Canyon project should be sent to the Director of the Bureau of Water Pollution Control at the following address by August 8, 1988.

Don A. Oster P.E., Director  
Bureau of Water Pollution  
Control, P.O. Box 16690  
Salt Lake City, Utah 84116-6690

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